What is claimed is:

Calender for calendering a web of paper or board, the calender comprising

- a top roll (1) and a bottom roll (2), both of the rolls being of the variable-crown type,

at least one intermediate roll (3) of an intermediate roll stack adapted between said top roll (1) and said bottom roll (2) in a disposition allowing the superimposed rolls (1, 2, 3) of the stack to be brought into a nip contact with each other during calendering, and

bearing blocks (4) in which said rolls (1, 2, 3) are mounted, and

mounts (5) to which the bearing blocks (4) of the intermediate roll (3) are connected and which are slidably connected to the guides (7) adapted to the calender frame (6),

c h a r a c t e r i z e d by actuator means (9, 19) adapted between the mounts (5) of said superimposed rolls (1, 2, 3) forming said nips and/or between the bearing blocks (4) of said rolls so as to accomplish the relief of nip loading imposed by the weight of said intermediate rolls (3) and the auxiliary means connected thereto.

2. Calender according to claim 1, character i z e d in that said actuator means is a spring (9).

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- Calender according to claim 1 or 2, c h a r a c
 t_e_r_i_z_e_d__in_that_said_actuator_means_is a_____

 hydraulic cylinder (19).
- 5 4. Calender according to any one of foregoing claims
 1-3, characterized in that said
 actuator means are adapted to function between the
 mounts (5) of said superimposed rolls (1, 2, 3)
 forming said nips.
- 5. Calender according to any one of foregoing claims
 1-4, characterized in that said
 actuator means are adapted to function between the
 bearing blocks (4) of said superimposed rolls (1, 2,
 3) forming said pips.
 - 6. Calender according to claim 3, c h a r a c t e r i z e d in that said mount (5) includes the cylinder portion of said hydraulic cylinder (19) with the hydraulic channels thereof.
 - 7. Calender according to claim 3 or 6, c h a r a c t e r i z e d in that said bearing block (4) includes the cylinder portion of said hydraulic cylinder (19) with the hydraulic channels thereof.
 - 8. Method for calendering a web of paper or board, the method comprising the steps of
- passing the web to be calendered via nips
 formed by a variable-crown top roll (1) and a
 variable-crown bottom roll (2) as well as at
 least one intermediate roll (3) of an intermediate roll set placed between said rolls, said
 rolls (1, 2, 3) being mounted in a bearing
 blocks (4) and the bearing blocks (4) of the

intermediate roll (3) being slidably connected to the calender frame (6),

characterized in that

- the nip loading imposed by the weight of said intermediate rolls (3) and the auxiliary means connected thereto is relieved by actuator means (9, 19) adapted between the mounts (5) of said superimposed rolls (1, 2, 3) forming said nips and/or between the bearing blocks (4) of said rolls.
- 9. Method according to claim 8, c h a r a c t e r i z e d in that said actuator means (9, 19) serve to accomplish an at least essentially complete relief of the nip loading imposed by the weight of said intermediate rolls (3) and auxiliary devices connected thereto.

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